

Circulatory System MCQ Question Answer

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Question: 1. Pulmonary artery carries blood from

- Option A. heart to lungs
- Option B. lungs to heart
- Option C. lungs to right auricle
- Option D. lungs to left auricle

Question: 2. Corneal grafts are generally not rejected by the recipient because cornea is

- Option A. non living
- Option B. non proteineaceous
- Option C. non cellular
- Option D. non vascularised

Question: 3. Universal donor is the person with the blood group

- Option A. A
- Option B. AB
- Option C. B
- Option D. O

Question: 4. The chamber of the mammalian heart from which deoxygenated blood is sent for oxygenation is

- Option A. right auricle
- Option B. right ventricle
- Option C. left auricle
- Option D. left ventricle

Question: 5. Blood has no role in the transport of O_2 in

- Option A. earthworm
- Option B. leech
- Option C. lung fishes
- Option D. insects

Question: 6. Pacemaker of the heart is

- Option A. S.A. node
- Option B. A.V. node
- Option C. A.V. septum
- Option D. L.A. Septum

Question: 7. The least concentration of urea in mammals is carried in blood of

- Option A. hepatic vein
- Option B. renal vein
- Option C. renal artery
- Option D. hepatic artery

Question: 8. Clotting of blood oozing out of a wound, involves

- Option A. drying as a result of evaporation of the plasma
- Option B. denaturation of the blood albumins by thrombin
- Option C. conversion of fibrinogen to fibrin by thrombin
- Option D. haemolysis of erythrocytes

Question: 9. Rh factor is named after

- Option A. monkey
- Option B. chimpanzee
- Option C. man
- Option D. none of these

Question: 10. The diameter of capillaries for the RBCs to pass is

- Option A. 4 μm
- Option B. less than 5 μm
- Option C. more than 5 μm
- Option D. more than 10 μm

Question: 11. The normal diastolic pressure in an adult human being ranges between

- Option A. 70-100 mmHg
- Option B. 60-80 mmHg
- Option C. 90-120 mmHg
- Option D. 60-90 mmHg

Question: 12. The nerve like modified muscle in the right auricle is called

- Option A. atrioventricular node
- Option B. pacemaker
- Option C. bulbus arteriosus
- Option D. none of these

Question: 13. The erythrocytes of mammals are non nucleated except in

- Option A. rabbit
- Option B. monkey
- Option C. man
- Option D. camel

Question: 14. A person with blood group 'C' required blood transfusion. Blood of which group can be given to him?

- Option A. A only
- Option B. AB only
- Option C. B only
- Option D. O only

Question: 15. The white pus of an infected part in the body is composed of

- Option A. dead erythrocytes and plasma
- Option B. dead leucocytes and blood serum
- Option C. living leucocytes and serum
- Option D. living erythrocytes and serum

Question: 16. Urea is transported by

- Option A. WBC
- Option B. RBC
- Option C. haemoglobin
- Option D. blood and plasma

Question: 17. Hamburger's phenomenon is also called

- Option A. bicarbonate shift
- Option B. chloride shift
- Option C. sodium shift
- Option D. none of these

Question: 18. Impulses from the pacemaker initiate

- Option A. the ventricles to contract
- Option B. the auricles to contract
- Option C. both (a) and (b)
- Option D. the relaxation of heart

Question: 19. Universal recipient is the person with the blood group

- Option A. A
- Option B. B
- Option C. AB
- Option D. O

Question: 20. If clumping occurs in a given sample of blood with 'both A and B serum, the blood group was

- Option A. A
- Option B. AB
- Option C. B
- Option D. O

Question: 21. The sympathetic nerve causes the heart rate to

- Option A. increase
- Option B. decrease
- Option C. show no change
- Option D. stroke volume increases

Question: 22. The vertebrate heart is classified as

- Option A. myogenic
- Option B. neurogenic
- Option C. amyogenic
- Option D. both (a) and YW

Question: 23. Blood leaving the liver and moving to the heart has usually high concentration of

- Option A. urea
- Option B. bile
- Option C. glucose
- Option D. erythrocytes

Question: 24. The antibodies are formed in

- Option A. bone marrow
- Option B. spleen
- Option C. lymphoid tissue
- Option D. liver

Question: 25. The left atrioventricular aperture in man is guarded by

- Option A. tricuspid valve
- Option B. simple valve
- Option C. bicuspid or mitral value
- Option D. sphincter value

Question: 26. The pH of blood in arteries and veins is

- Option A. same
- Option B. more .in arteries and less in veins
- Option C. not definite
- Option D. less in arteries and more in veins

Question: 27. Blood passes from the arterioles to venules via

- Option A. lacteals
- Option B. valved veins
- Option C. capillaries
- Option D. any of these

Question: 28. Carotid artery carries

- Option A. oxygenated blood to the heart
- Option B. deoxygenated blood to the lungs
- Option C. oxygenated blood to the brain
- Option D. deoxygenated blood to the stomach

Question: 29. The instrument used to measure the blood pressure is

- Option A. sphygmomanometer
- Option B. respirometer
- Option C. thermometer
- Option D. stethoscope

Question: 30. The larger lymphatic organ in the body is

- Option A. lymph node
- Option B. liver
- Option C. pancreas
- Option D. spleen

Answer Sheet

1	A	
2	D	
3	D	
4	B	
5	D	
6	A	
7	B	
8	C	
9	A	
10	B	
11	D	
12	B	
13	D	
14	D	
15	B	
16	D	
17	B	
18	C	
19	C	
20	B	
21	A	
22	A	
23	A	
24	A	
25	C	
26	B	
27	C	
28	C	
29	A	
30	D	